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PUBLIC HEALTH REPORTS.

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DECEMBER 23, 1910.

No. 51

UNITED STATES.

REPORTS TO THE SURGEON GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

PLAGUE-PREVENTION WORK.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 300 acres of land in Contra Costa County and 71 in San Mateo County were covered with poison during the week ended December 3, 1910.

Record of Plague Infection.

Place.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None recorded..	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	None.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of the city of Oakland).	Sept. 26, 1909.....	Wood rat, Oct. 17, 1909.....	Nov. 22, 1910.....	84 squirrels.
Contra Costa.....	July 21, 1908.....	None.....	Sept. 10, 1910.....	1 wood rat.
Merced.....	None recorded..	do.....	June 6, 1910.....	247 squirrels.
Monterey.....	do.....	do.....	do.....	2 squirrels.
San Benito.....	June 5, 1910.....	do.....	July 11, 1910.....	4 squirrels.
San Joaquin.....	None recorded..	do.....	Nov. 15, 1910.....	20 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 29, 1910.....	9 squirrels.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	1 squirrel.
Santa Cruz.....	None recorded..	do.....	May 17, 1910.....	23 squirrels.
Stanislaus.....	do.....	do.....	May 21, 1910.....	3 squirrels.
Washington:				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	5 squirrels.
				22 rats.

Rats Collected and Examined for Plague Infection.

Place.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Dec. 3.....	102	102	102	592
Oakland.....	do.....	24	24	24	1,418
San Francisco.....	do.....	31	31	31	
Total.....		55	2,772	2,112	

¹ Identified: *Mus norvegicus*, 70; *Mus musculus*, 32.

² Identified: *Mus norvegicus*, 617; *Mus musculus*, 135; *Mus alexandrinus*, 1.

³ Identified: *Mus norvegicus*, 1,238; *Mus rattus*, 115; *Mus musculus*, 403; *Mus alexandrinus*, 161.

Squirrels Collected and Examined for Plague Infection.

Place.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	Dec. 3	120		120	
Calaveras.....	do.	37		37	
Contra Costa.....	do.	30	5	35	
Fresno.....	do.	53		53	
Los Angeles.....	do.	254		229	
Mariposa.....	do.	28		28	
Merced.....	do.	112		108	
Monterey.....	do.	441	2	433	
Napa.....	do.	90		90	
Sacramento.....	do.	32		32	
San Joaquin.....	do.	145	1	146	
San Luis Obispo.....	do.	168		164	
San Mateo.....	do.	13	10	23	
Santa Clara.....	do.	86		86	
Stanislaus.....	do.	31		31	
Tuolumne.....	do.	31		31	
Total.....		1,671	18	1,646	

Other Animals Collected and Examined.

Place.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Counties—				
Fresno.....	Dec. 3...	2 rabbits.....	2	
Kern.....	do.....	10 chipmunks, 8 kangaroo rats.	18	
Los Angeles.....	do.....	2 rabbits.....	1	
Mariposa.....	do.....	6 rabbits.....	6	
Sacramento.....	do.....	1 gopher.....	1	
San Luis Obispo.....	do.....	do.....	1	
Santa Clara.....	do.....	1 rabbit.....	1	
Stanislaus.....	do.....	6 kangaroo rats.....	6	
Tuolumne.....	do.....	3 kangaroo rats.....	3	
Total.....			39	

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

Reports Received During Week ended December 23, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Montgomery.....	Dec. 4-10.....	2		No cases reported.
Connecticut:	Nov. 1-30.....			
Florida:				
Dade County.....	Nov. 26-Dec. 3....	2		
Duval County.....	Nov. 26-Dec. 10...	1		
Escambia County.....	Nov. 26-Dec. 10...	2		
Gadsden County.....	Nov. 26-Dec. 3....	10		
Hillsboro County.....	Nov. 26-Dec. 10...	18		
Jackson County.....	Nov. 26-Dec. 3....	2		
Leon County.....	Nov. 26-Dec. 3....	32		
Madison County.....	Nov. 26-Dec. 3....	6		
Manatee County.....	Nov. 26-Dec. 3....	1		